Abstract

Analysis Of The Creativity Of Class VIII Mts Istikmalunnajah Pasongsongan Student In Solving The Problem Of The Area Of A Circle In Terms Of Gender. Muslimatul Umah Helmi

Creativity in solving problems in this study includes three indicators, namely indicators of fluency, flexibility and novelty. This research is a phenomenological research with a qualitative approach which aims to analyze the creativity of male and female students in solving the problem of area of a circle. The subjects of this research is MTs Istikmalunnajah student as many 1 male student and 1 famale student. This research instrument in the form of test and interviews. There are two test used, namely the Mathematical Ability Test (TKM) and The problem Solving Task (TPM). The data analysis technique used in this study is the Miles and Huberman model, namely reducing data, presenting data and drawing conclusions.

The research results Obtained from Male Student (SSL) subjek are able to solve problems based on indicators of fluency and flexibility. While the research results of Famae Student Subjects (SSP) able to solve math problems based on fluency indicator only. In other words, the creativity level of SSP, which is less creative, regulates the level of creativity of SSL, which is quite creative.

Keywords: Creativity, Phenomenology, TKM and TPM